

Amendments to the Claims

Please amend Claims 1-6 and 9-16. Please add new claims 38-43. Please cancel claims 17-37. The Claim Listing below will replace all prior versions of the claims in the application:

Claim Listing

1. (Currently amended) A delivery apparatus comprising:

a catheter for passage through the intestines; and

~~a spherically shaped~~ an atraumatic element releasably coupled to [[the]] a distal end tip of the catheter, the atraumatic element being releasable within the intestines after facilitating passage of the catheter therein and the atrumatic element being external to the catheter during passage within the intestines.

2. (Currently amended) The delivery apparatus of claim 1 wherein the ~~spherically shaped~~ atraumatic element is remotely releasable.

3. (Currently amended) A delivery system for placing a gastrointestinal implant device in a body comprising:

an outer sheath ~~in the proximal portion of the delivery system for storing therewithin~~ a proximal portion of the gastrointestinal implant device, the proximal portion of the gastrointestinal implant device including an anchoring device for anchoring a self-expanding sleeve anchor to anchor the device in the stomach, the outer sheath moveable relative to the sleeve anchor to release the sleeve anchor from within the outer sheath;

an inner sheath within the outer sheath, the inner sheath defining a lumen and extending distally beyond the outer sheath toward the distal end of the delivery system, a first lumen within the inner sheath for passing the outer sheath over a guidewire and a second lumen within the inner sheath for moving;

a moveable element moveable within the lumen of the inner sheath to secure the distal end of a sleeve to the inner sheath, the sleeve coupled at its proximal end to the stent to the inner sheath sleeve anchor;

~~a release mechanism to release the anchoring device from the outer sheath;~~

a sleeve release mechanism coupled to the moveable element ~~for releasing to~~ release the distal end of the sleeve; and

~~a spherical shaped~~ an atraumatic element at the distal end of the delivery system, the ~~spherical shaped~~ atraumatic element being releasably held ~~[[by]]~~ to the moveable element inner sheath.

4. (Currently amended) The delivery system of claim 3, wherein the moveable element is a sleeve retention wire, which exits the ~~second~~ lumen of the inner sheath and pierces the distal end of the sleeve.
5. (Currently amended) The delivery system of ~~claim 4~~ claim 3, wherein ~~the release mechanism pulls the outer sheath~~ is pulled toward ~~[[the]]~~ a proximal end of the delivery system to remove the sleeve anchor from the outer sheath from the anchoring device.
6. (Currently amended) The delivery system of claim 3, wherein the sleeve release mechanism pulls the moveable element toward ~~[[the]]~~ a proximal end of the delivery system to release the distal end of the sleeve after the anchoring device sleeve anchor has been released.
7. (Withdrawn) The delivery system of claim 3, wherein a distal portion of the sleeve is stored in a pill for delivery and the distal portion of the sleeve is released from the pill by peristalsis.
8. (Withdrawn) The delivery system of claim 3, wherein a distal portion of the sleeve is stored in a dissolvable pill for delivery.

9. (Currently amended) The delivery system of claim 3, wherein the ~~spherical-shaped~~ atraumatic element is attached to an element retention wire which is held by the moveable element.
10. (Withdrawn—currently amended) The delivery system of claim 3, wherein the moveable element is looped through the ~~spherical-shaped~~ atraumatic element.
11. (Withdrawn—currently amended) The delivery system of claim 3, wherein ~~[[the]]~~ a distal end of the moveable element is coiled and stored within the ~~spherical-shaped~~ atraumatic element.
12. (Withdrawn—currently amended) The delivery system of claim 3, wherein the moveable element is held in an S-shaped track within the ~~spherical-shaped~~ atraumatic element.
13. (Withdrawn—currently amended) The delivery system of claim 3, wherein the ~~spherical-shaped~~ atraumatic element at the distal end of the delivery system is an expandable balloon.
14. (Currently amended) The delivery system of claim 3, wherein the inner sheath includes a ~~third~~ another lumen through which a fluid is passed to release the sleeve from the distal end of the delivery ~~device~~ system.
15. (Currently amended) The delivery system of claim 3 wherein the atraumatic element is remotely releasable.
16. (Currently amended) The delivery system of claim 3, wherein the sleeve release mechanism pulls the moveable element toward ~~[[the]]~~ a proximal end of the delivery system to release the ~~spherical-shaped~~ atraumatic element after the ~~anchoring device~~ sleeve anchor has been released.
- 17-37. (Cancelled)

38. (New) The delivery apparatus of claim 2, wherein the atraumatic element comprises a ball.

39. (New) The delivery apparatus of claim 2, wherein the atraumatic element is spherically shaped.

40. (New) The delivery apparatus of claim 2, wherein the atraumatic element is inflatable.

41. (New) The delivery apparatus of claim 3, wherein the atraumatic element comprises a ball.

42. (New) The delivery apparatus of claim 3, wherein the atraumatic element is spherically shaped.

43. (New) The delivery apparatus of claim 3, wherein the atraumatic element is inflatable.